

# ACT Profile Report - State

Graduating Class 2012 - Public High School Students  
District of Columbia



ACT, INC. -- CONFIDENTIAL



## Table of Contents

### Section I: Executive Summary

Page 5

Percent of Your Students Ready for College-Level Coursework  
Five Year Trends—Percent of Students Meeting College Readiness Benchmarks  
Five Year Trends—Average ACT Scores  
Five Year Trends—Average ACT Scores by Level of Preparation  
Five Year Trends—Percent and Average Composite Score by Race/Ethnicity  
Percent of Students in College Readiness Standards Score Ranges

### Section II: Academic Achievement

Page 11

ACT Score Distributions, Cumulative Percentages, Averages, and Quartile Values  
Average ACT Composite Scores for Race/Ethnicity by Level of Preparation  
Average ACT Scores by Race/Ethnicity  
Percent of Students in College Readiness Standards Score Ranges  
Average ACT Scores by Gender  
Percent of Students Meeting College Readiness Benchmark Scores by Gender  
College Readiness Benchmark Percent and Average ACT Scores by Overall High School Curriculum  
College Readiness Benchmark Percent and Average ACT Scores by Content-Specific Curriculum

### Section III: College Readiness & Impact of Course Rigor

Page 17

Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity  
Average ACT Scores and Average ACT Score Changes by Common Course Patterns  
College Readiness Percents by Common Course Patterns

### Section IV: Career and Educational Aspirations

Page 25

Distribution of Planned Educational Majors for All Students by College Plans  
Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations  
Students' Score Report Preferences at Time of Testing

### Section V: Optional Writing Test Results

Page 29

Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

This report provides information about the performance of your 2012 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2012 and tested under standard time conditions.

This report focuses on:

**Performance** - student test performance in the context of college readiness

**Access** - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

**College Readiness** - percent of students meeting ACT College Readiness Benchmark Scores in each content area

**Awareness** - extent to which student aspirations match performance

**Articulation** - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.



**The ACT is a curriculum-based measure of college readiness. ACT components include:**

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

**The ACT:**

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at [www.act.org/standard/infoserv.html](http://www.act.org/standard/infoserv.html).

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to [www.act.org](http://www.act.org)

### How to Improve Scores and Increase College Readiness

5% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT:** 877 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY:** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 81% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 1% of the cohort took less than three years of math courses. Of these students, 0% were college ready. 5% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 0% of these students were college ready. In comparison, 14% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 4% of the cohort took less than three years of natural science courses. 8% of these students were college ready. In comparison, 7% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 82% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 404-231-1952.

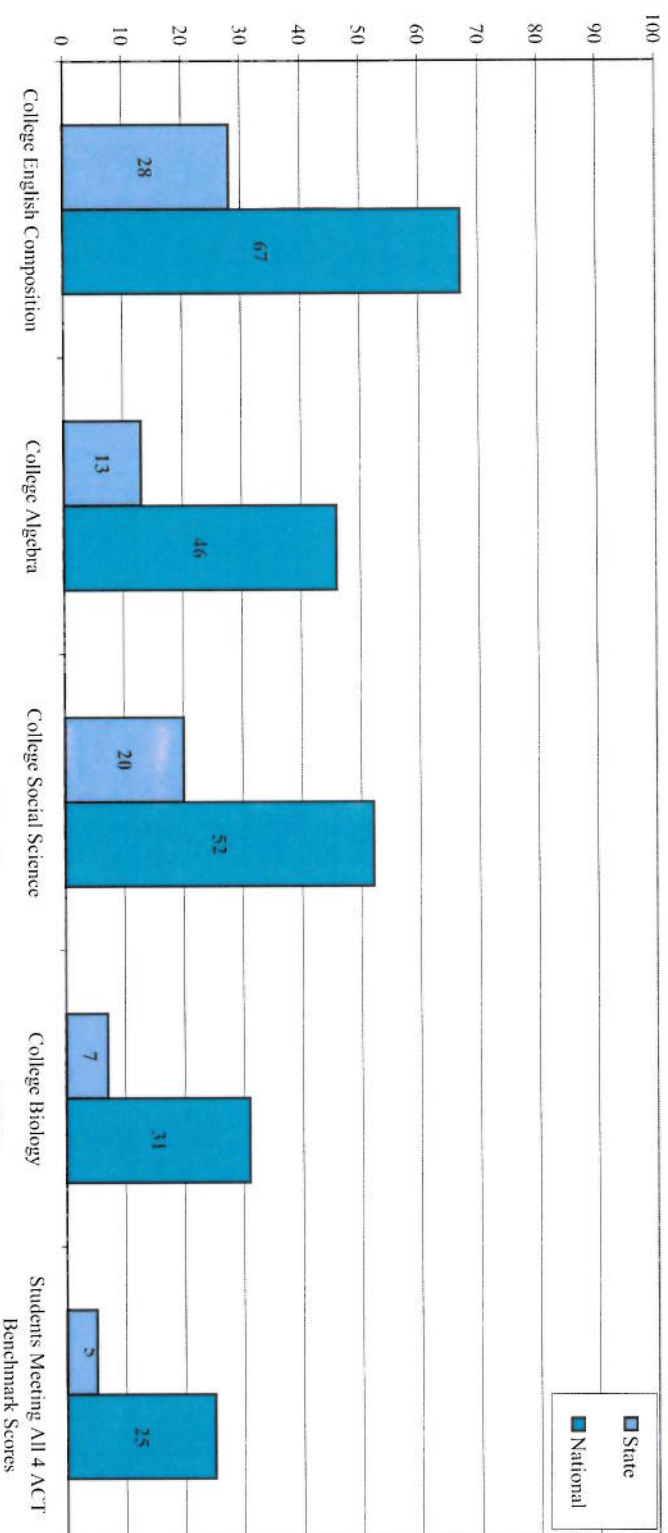


# Section I

## Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

ACT English  
 Benchmark Score=18

ACT Math  
 Benchmark Score=22

ACT Reading  
 Benchmark Score=21

ACT Science  
 Benchmark Score=24

Students Meeting All 4 ACT  
 Benchmark Scores



**Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks**

Year	Number of Students Tested	Percent Meeting Benchmarks										
		English		Mathematics		Reading		Science		Meeting All Four		
	State	National	State	National	State	National	State	National	State	National	State	National
2008	817	1,421,941	23	68	8	43	17	53	5	28	4	22
2009	829	1,480,469	23	67	8	42	15	53	3	28	3	23
2010	836	1,568,835	27	66	8	43	16	52	5	29	3	24
2011	819	1,623,112	27	66	12	45	19	52	5	30	5	25
2012	877	1,666,017	28	67	13	46	20	52	7	31	5	25

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested	Average ACT Scores										
		English		Mathematics		Reading		Science		Composite		
	State	National	State	National	State	National	State	National	State	National		
2008	817	1,421,941	14.6	20.6	16.1	21.0	16.1	21.4	15.9	20.8	15.8	21.1
2009	829	1,480,469	14.5	20.6	16.1	21.0	15.7	21.4	15.3	20.9	15.5	21.1
2010	836	1,568,835	14.6	20.5	16.3	21.0	15.9	21.3	15.7	20.9	15.7	21.0
2011	819	1,623,112	14.9	20.6	16.6	21.1	16.3	21.3	16.0	20.9	16.1	21.1
2012	877	1,666,017	14.6	20.5	16.9	21.1	16.4	21.3	16.2	20.9	16.2	21.1

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested	Average ACT Scores				
		English	Mathematics	Reading	Science	Composite
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1
2010	1,568,835	20.5	21.0	21.3	20.9	21.0
2011	1,623,112	20.6	21.1	21.3	20.9	21.1
2012	1,666,017	20.5	21.1	21.3	20.9	21.1

Graduating Class 2012  
Public High School Students  
Total Students in Report: 877

Code 099999  
District of Columbia

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested Core or More <sup>1</sup>	Percent <sup>2</sup> Core or More	Average ACT Scores				
			English	Mathematics	Reading	Science	Composite
2008	465	57	15.6	16.7	17.0	16.6	16.6
2009	595	72	15.2	16.5	16.1	15.4	15.9
2010	638	76	15.1	16.6	16.3	16.1	16.2
2011	683	83	15.2	16.8	16.6	16.1	16.2
2012	714	81	15.0	17.1	16.7	16.4	16.4
		16	13.5	15.5	14.9	15.1	14.9
		20	13.4	15.2	15.0	15.1	14.8
		18	13.0	15.5	14.9	14.5	14.6
		15	14.0	15.9	15.4	15.7	15.4
		12	13.1	16.2	15.2	14.9	15.0

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity<sup>1</sup>**

	2008			2009			2010			2011			2012		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
<b>All Students</b>	<b>817</b>	<b>100</b>	<b>15.8</b>	<b>829</b>	<b>100</b>	<b>15.5</b>	<b>836</b>	<b>100</b>	<b>15.7</b>	<b>819</b>	<b>100</b>	<b>16.1</b>	<b>877</b>	<b>100</b>	<b>16.2</b>
Black/African American	638	78	15.4	696	84	15.0	703	84	15.4	664	81	15.4	683	78	15.5
American Indian/Alaska Native	2	0	17.5	4	0	16.0	4	0	12.8	8	1	13.8	5	1	14.0
White	30	4	23.8	27	3	22.5	17	2	26.6	29	4	26.5	32	4	24.8
Hispanic/Latino	42	5	15.7	38	5	16.1	31	4	16.4	56	7	17.1	61	7	16.6
Asian	6	1	19.5	6	1	21.7	11	1	18.4	8	1	21.6	14	2	21.0
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	0	0	.	0	0	.
Two or more races	16	2	17.4	25	3	18.0	19	2	17.3	19	2	17.8	37	4	18.1
Prefer not to respond/No response	83	10	15.7	33	4	16.1	51	6	15.9	35	4	17.3	45	5	16.8

<sup>1</sup>Refer to the section header on page 5 for a description of race/ethnicity changes.



**Table 1.6. Percent of Students in College Readiness Standards Score Ranges**

CRS Range	English (Benchmark = 18)	Mathematics (Benchmark = 22)	Reading (Benchmark = 21)	Science (Benchmark = 24)
1-12	<p>41% 11%</p>	<p>4% 1%</p>	<p>25% 7%</p>	<p>22% 6%</p>
13-15	<p>21% 13%</p>	<p>38% 13%</p>	<p>27% 13%</p>	<p>25% 9%</p>
16-19	<p>19% 19%</p>	<p>40% 32%</p>	<p>25% 22%</p>	<p>31% 22%</p>
20-23	<p>10% 25%</p>	<p>10% 20%</p>	<p>13% 24%</p>	<p>15% 32%</p>
24-27	<p>5% 17%</p>	<p>6% 22%</p>	<p>6% 16%</p>	<p>6% 21%</p>
28-32	<p>1% 10%</p>	<p>2% 9%</p>	<p>3% 13%</p>	<p>1% 7%</p>
33-36	<p>2% 4%</p>	<p>0% 3%</p>	<p>2% 5%</p>	<p>0% 2%</p>
% At or Above Benchmark	<p>28% 67%</p>	<p>13% 46%</p>	<p>20% 52%</p>	<p>7% 31%</p>

= State

= National



This page intentionally left blank.

# Section II

## Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

**Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages**

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	0	100	0	100	0	100	1	100	0	100	36
35	4	100	1	100	7	100	0	100	0	100	35
34	4	100	0	100	4	99	1	100	1	100	34
33	6	99	1	100	8	99	1	100	2	100	33
32	3	98	1	100	1	98	1	100	2	100	32
31	2	98	1	100	6	98	1	100	4	99	31
30	3	98	3	100	4	97	2	99	4	99	30
29	1	97	4	99	7	97	2	99	3	99	29
28	4	97	5	99	7	96	3	99	7	99	28
27	9	97	11	98	8	95	9	99	6	98	27
26	7	96	13	97	12	94	9	98	6	97	26
25	10	95	11	95	9	93	4	98	10	97	25
24	14	94	19	94	22	92	11	97	10	96	24
23	12	92	19	92	20	89	26	96	18	94	23
22	14	91	26	90	20	87	19	93	14	92	22
21	27	89	15	87	38	85	20	91	19	91	21
20	39	86	24	85	32	80	33	88	24	89	20
19	39	82	41	82	58	77	63	85	37	86	19
18	44	77	55	78	38	72	44	78	40	82	18
17	35	72	83	71	59	66	76	73	66	77	17
16	53	68	175	62	58	59	94	62	66	70	16
15	72	62	196	42	61	52	76	53	76	70	15
14	74	54	81	20	75	43	75	47	94	52	14
13	42	46	57	10	85	34	72	38	110	42	13
12	44	41	18	4	74	34	42	30	88	29	12
11	65	36	13	2	89	25	63	22	80	19	11
10	84	29	1	1	58	15	33	17	51	10	10
9	57	19	1	1	34	9	26	10	22	4	9
8	57	12	1	1	26	5	9	6	10	2	8
7	33	6	0	1	4	2	26	3	2	1	7
6	12	2	0	1	5	1	6	2	2	1	6
5	3	1	0	1	3	1	4	1	0	1	5
4	3	1	0	1	2	1	4	1	0	1	4
3	0	1	0	1	1	1	2	1	0	1	3
2	1	1	0	1	0	1	1	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	14.6 (5.8)		16.9 (3.7)		16.4 (5.5)		16.2 (4.7)		16.2 (4.4)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.



**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages**

ACT Scale Score	English				Reading				Mathematics				ACT Scale Score		
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry			Plane Geometry/ Trigonometry	
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP		N	CP
18	7	100	4	100	8	100	10	100	6	100	1	100	1	100	18
17	7	99	8	100	9	99	19	99	5	99	1	100	0	100	17
16	10	98	9	99	7	98	18	97	4	99	3	100	6	100	16
15	9	97	8	98	10	97	11	95	18	98	6	99	5	99	15
14	17	96	9	97	21	96	19	93	16	96	20	99	14	99	14
13	9	94	25	96	42	94	31	91	30	94	27	96	27	97	13
12	26	93	20	93	36	89	38	88	36	91	33	93	42	94	12
11	20	90	55	91	34	85	41	83	72	87	63	90	59	89	11
10	65	88	55	84	58	81	62	79	66	79	109	82	98	82	10
9	61	81	106	78	98	74	91	72	45	71	155	70	117	71	9
8	87	74	100	66	73	63	110	61	137	66	176	52	117	58	8
7	95	64	96	55	188	55	83	49	212	50	94	32	119	45	7
6	106	53	106	44	99	33	127	39	122	26	57	22	135	31	6
5	105	41	94	31	81	22	111	25	62	12	54	15	2	16	5
4	92	29	110	21	62	13	52	12	22	5	26	9	80	15	4
3	91	18	52	8	24	6	45	6	20	3	31	6	2	6	3
2	62	8	17	2	21	3	9	1	4	1	0	2	39	6	2
1	8	1	3	1	6	1	0	1	0	1	21	2	14	2	1
Avg (SD)	6.8 (3.5)		7.4 (3.2)		7.9 (3.3)		8.1 (3.5)		8.2 (2.9)		8.3 (2.8)		7.9 (3.0)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	18	18	19	19	18
Q2 (50th Percentile)	14	16	15	16	15
Q1 (25th Percentile)	10	15	12	13	13

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity<sup>1</sup> by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students	Percent Taking		Average ACT Composite Score	
		Tested	Core or More <sup>2</sup>	Less Than Core	Core or More	Less Than Core
State	All Students	877	81	15.0	16.4	15.0
	Black/African American	683	82	14.5	15.7	14.5
	American Indian/Alaska Native	5	60	14.0	14.0	14.0
	White	32	91	27.0	25.0	27.0
	Hispanic/Latino	61	87	15.4	16.8	15.4
	Asian	14	93	25.0	20.7	25.0
	Native Hawaiian/Other Pac. Isl.	0	.	.	.	.
National	Two or more races	37	89	22.3	17.5	22.3
	Prefer not/No Response	45	53	16.4	18.1	16.4
	All Students	1,666,017	76	19.1	21.8	19.1
	Black/African American	222,237	72	15.9	17.5	15.9
	American Indian/Alaska Native	13,523	66	16.9	19.3	16.9
	White	983,148	77	20.3	23.0	20.3
	Hispanic/Latino	234,456	73	17.4	19.5	17.4
State	Asian	68,080	81	21.8	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	18.3	20.4	18.3
	Two or more races	55,500	76	19.6	22.0	19.6
	Prefer not/No Response	84,528	68	19.2	22.5	19.2

<sup>1</sup>Refer to the section header on page 11 for a description of race/ethnicity changes.

<sup>2</sup>Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

**Table 2.5. Average ACT Scores by Race/Ethnicity<sup>1</sup>**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	14.6	16.9	16.4	16.2	16.2
	Black/African American	13.9	16.4	15.7	15.5	15.5
	American Indian/Alaska Native	11.4	15.0	15.0	14.2	14.0
	White	25.1	23.3	26.4	23.8	24.8
	Hispanic/Latino	14.9	17.6	16.7	16.7	16.6
	Asian	19.0	22.2	21.6	20.9	21.0
	Native Hawaiian/Other Pac. Isl.	.	.	.	.	.
National	Two or more races	17.3	18.1	18.4	18.1	18.1
	Prefer not/No Response	15.2	17.5	17.2	16.9	16.8
	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
State	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

<sup>1</sup>Refer to the section header on page 11 for a description of race/ethnicity changes.



**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	14	2	2	0	19	2	3	0
	28 to 32	13	1	14	2	25	3	9	1
	24 to 27	40	5	54	6	51	6	50	6
	20 to 23	92	10	84	10	110	13	135	15
	16 to 19	171	19	354	40	216	25	269	31
	13 to 15	188	21	334	38	234	27	221	25
National	01 to 12	359	41	35	4	222	25	190	22
	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	309	35	14.3	17.4	16.3	16.4	16.2
	Females	567	65	14.8	16.7	16.5	16.0	16.1
	Missing	1	0	16.0	14.0	19.0	9.0	15.0
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	17.5

**Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender**

Student Group	Gender	Percent of Students				Meet All Four
		English	Mathematics	Reading	Science	
State	Males	26	17	18	9	7
	Females	29	11	21	6	4
National	Males	64	50	51	35	29
	Females	69	42	53	27	22



**Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	714	30	15.0	14	17.1	21	16.7	8	16.4	6	16.4
	Less than Core	138	17	13.1	7	16.2	12	15.2	4	14.9	1	15.0
	Missing <sup>3</sup>	25	12	12.8	8	16.2	16	15.4	12	16.4	4	15.3
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>3</sup> Zero years or no coursework information reported in one or more content areas.

<sup>4</sup> Composite CRB% results reflect students who meet all four subject-area benchmarks.

**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg
State	Core or More <sup>2</sup>	835	28	14.7	844	13	17.0	759	21	16.6
	Less than Core	21	10	12.4	10	0	14.2	95	14	15.2
	Missing <sup>3</sup>	21	14	13.0	23	9	16.4	23	13	15.0
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

<sup>2</sup> "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

<sup>3</sup> For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

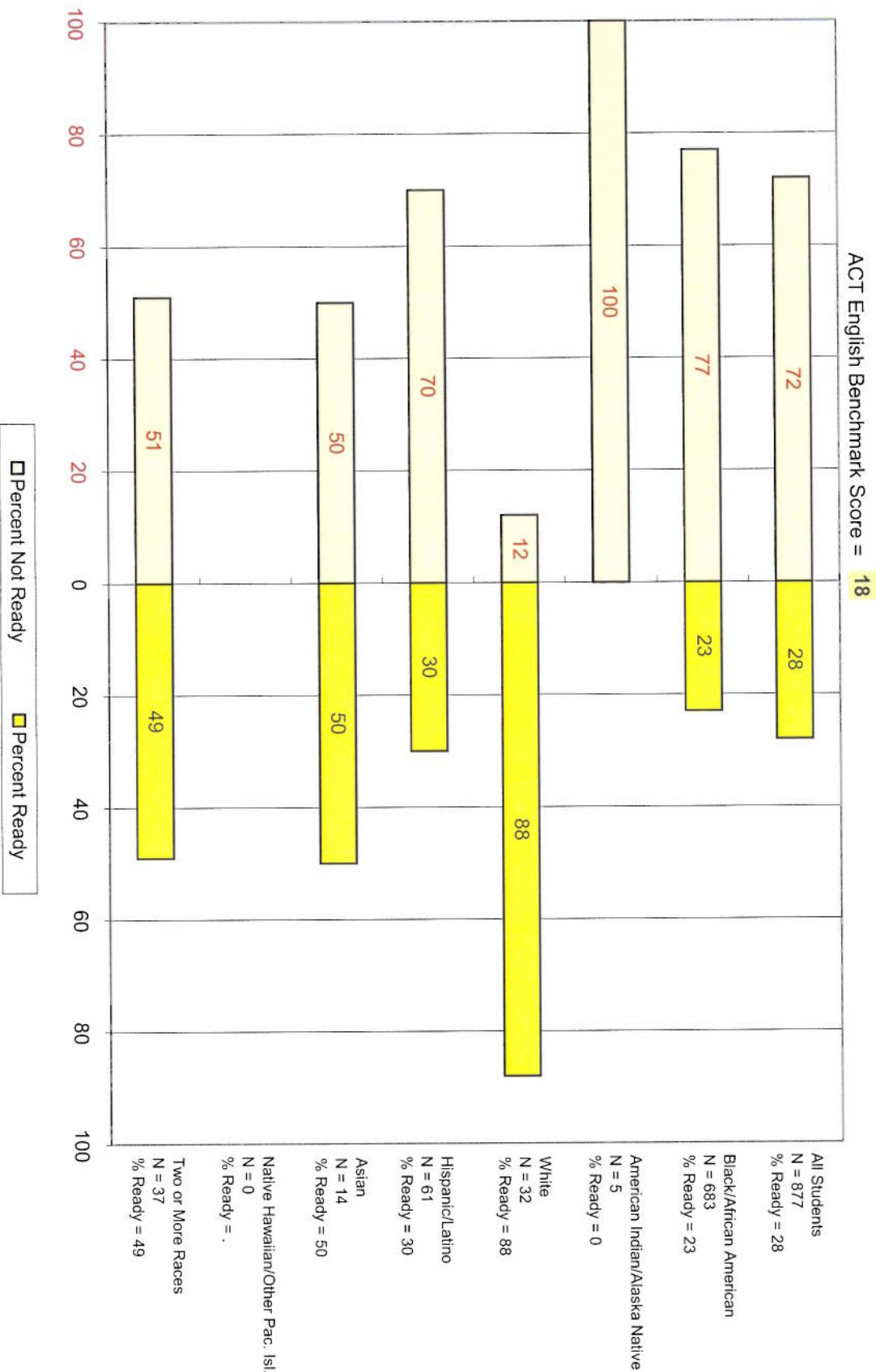
<sup>4</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

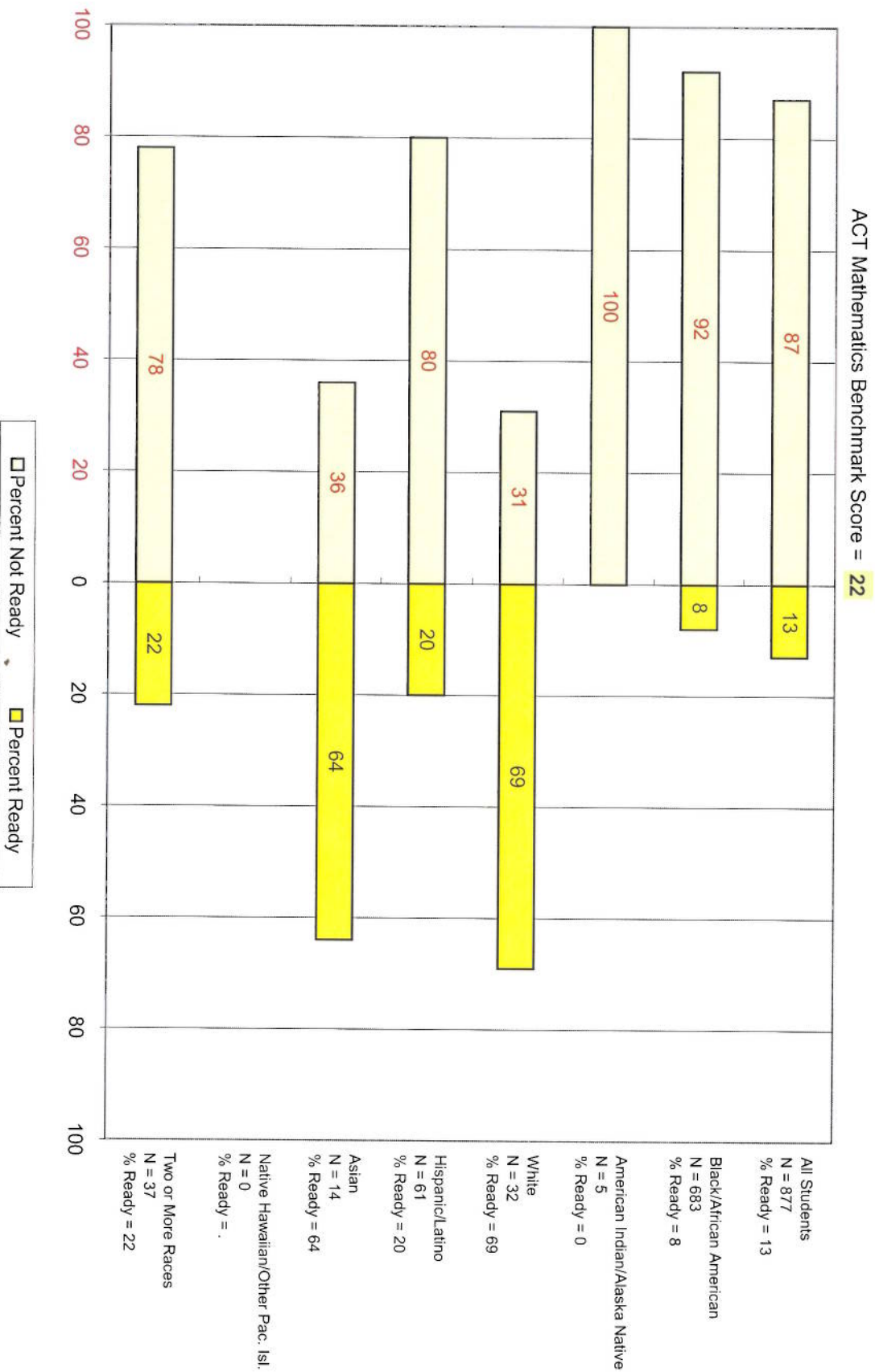
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ENGLISH



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

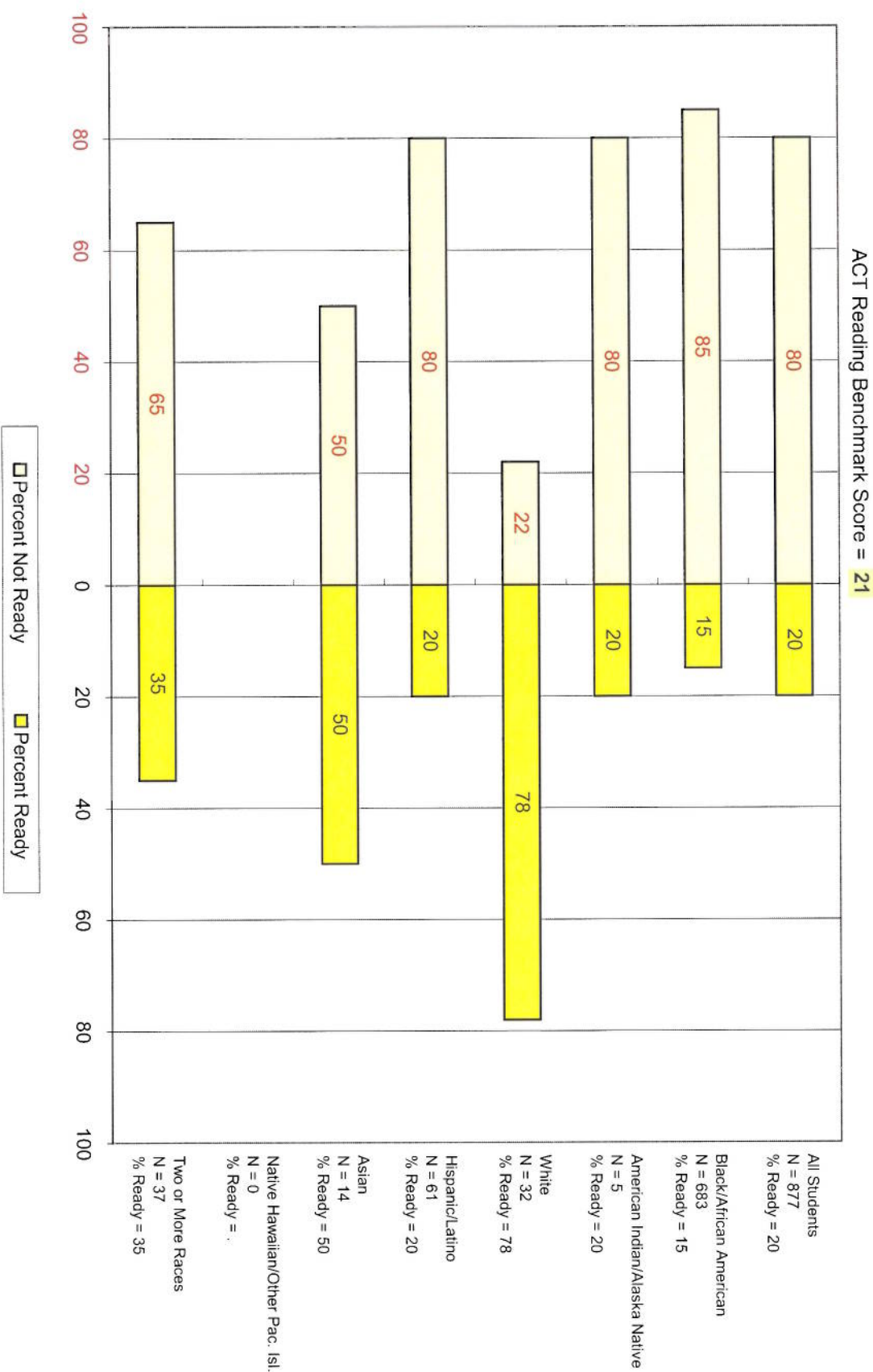


**Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: MATHEMATICS**



<sup>1</sup> Refer to the section header on page 17 for a description of race/ethnicity changes.

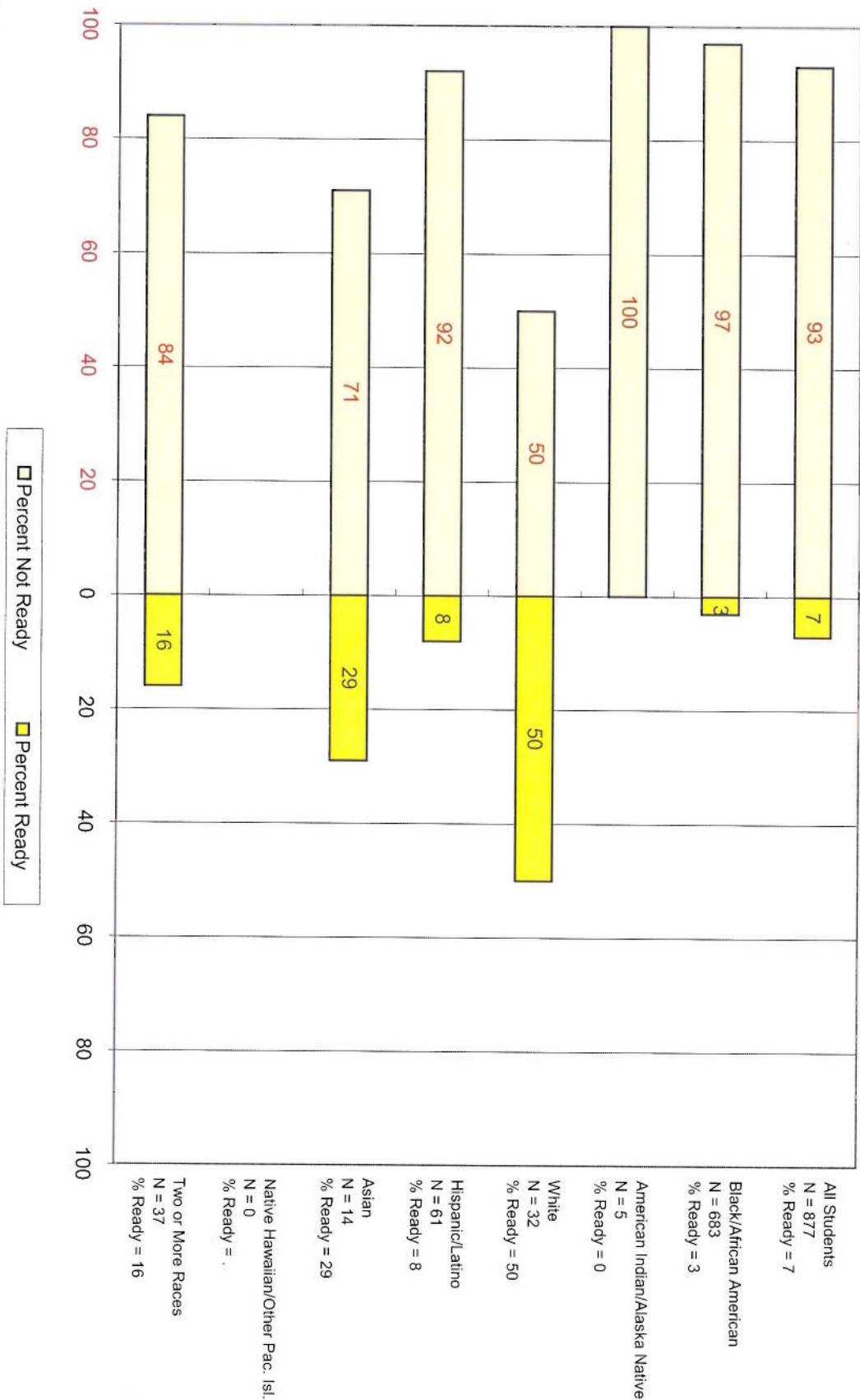
**Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: READING**



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

**Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: SCIENCE**

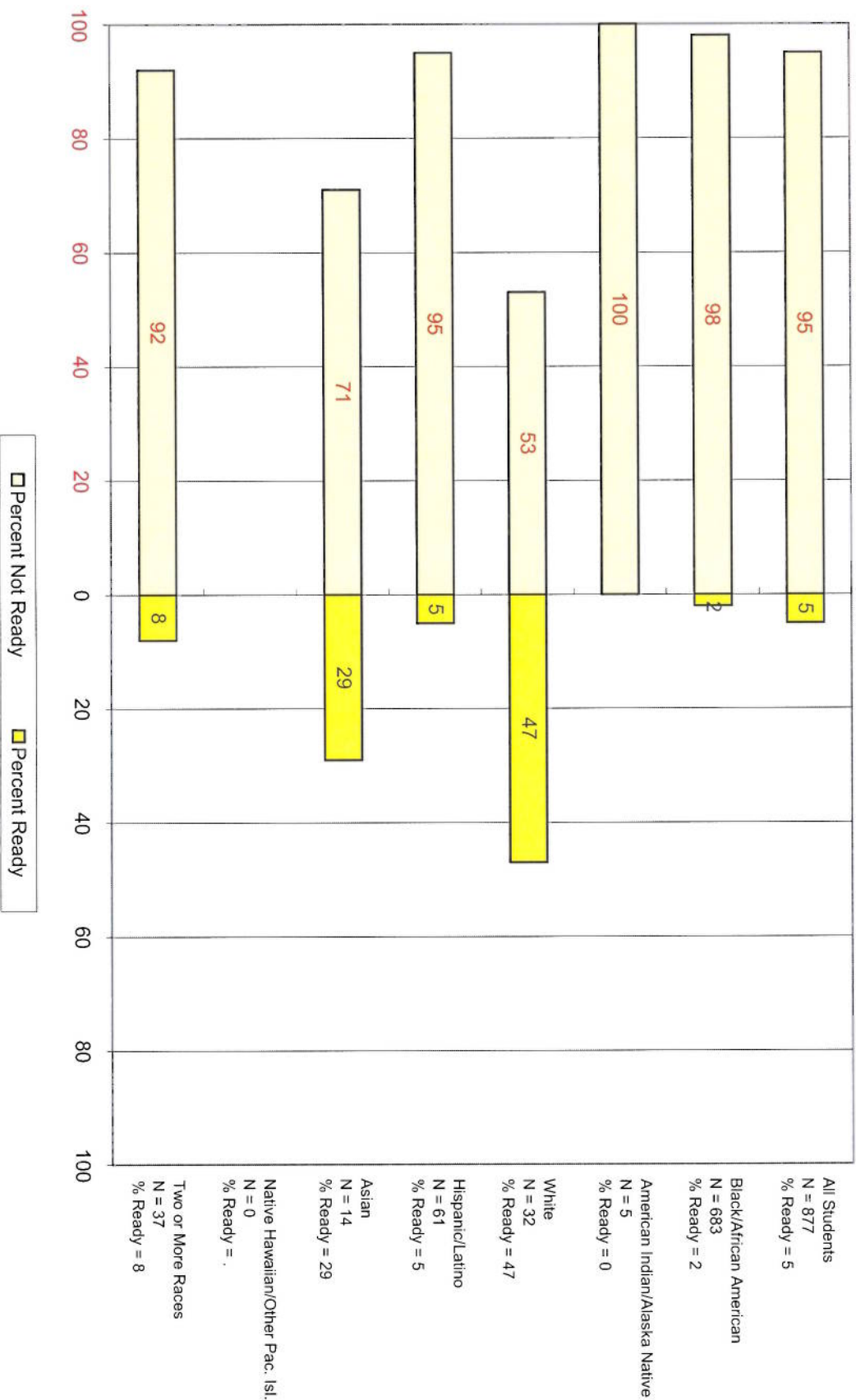
ACT Science Benchmark Score = 24



<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.



Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ALL FOUR



<sup>1</sup> Refer to the section header on page 17 for a description of race/ethnicity changes.

**Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns**

Course Pattern	All Students				Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>
ENGLISH COURSE PATTERN												
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	212	24	14.7	2.3	80	26	13.7	0.4	131	23	15.2	3.3
Eng 9, Eng 10, Eng 11, Eng 12	623	71	14.7	2.3	211	68	14.6	1.3	412	73	14.8	2.9
Less than 4 years of English	21	2	12.4	-	8	3	13.3	-	13	2	11.9	-
Zero years / no English courses reported	21	2	13.0	-	10	3	15.0	-	11	2	11.3	-
MATHEMATICS COURSE PATTERN												
Alg 1, Alg 2, Geom, Trig, & Calc	109	12	16.3	2.1	40	13	16.4	2.1	69	12	16.3	2.1
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	104	12	17.4	3.2	33	11	18.2	3.9	71	13	17.0	2.8
Alg 1, Alg 2, Geom, & Trig	78	9	15.9	1.7	15	5	17.8	3.5	62	11	15.4	1.2
Alg 1, Alg 2, Geom, & Other Adv Math	144	16	16.6	2.4	38	12	16.9	2.6	106	19	16.5	2.3
Other comb of 4 or more years of Math	315	36	17.8	3.6	134	43	17.9	3.6	181	32	17.8	3.6
Alg 1, Alg 2, & Geom	48	5	15.5	1.3	17	6	15.2	0.9	31	5	15.6	1.4
Other comb of 3 or 3.5 years of Math	46	5	16.2	2.0	17	6	17.3	3.0	29	5	15.5	1.3
Less than 3 years of Math	10	1	14.2	-	4	1	14.3	-	6	1	14.2	-
Zero years / no Math courses reported	23	3	16.4	-	11	4	17.6	-	12	2	15.3	-
SOCIAL SCIENCE COURSE PATTERN												
US Hist, World Hist, Am Gov, & Other Hist	136	16	16.4	1.2	48	16	17.7	2.3	88	16	15.8	0.7
Other comb of 4 or more years Social Science	345	39	16.8	1.6	129	42	15.8	0.4	216	38	17.4	2.3
US Hist, World Hist, & Am Gov	125	14	16.0	0.8	33	11	15.7	0.3	92	16	16.1	1.0
Other comb of 3 or 3.5 years of Social Science	153	17	16.9	1.7	61	20	17.0	1.6	92	16	16.8	1.7
Less than 3 years of Social Science	95	11	15.2	-	27	9	15.4	-	67	12	15.1	-
Zero years / no Social Science courses reported	23	3	15.0	-	11	4	16.6	-	12	2	13.4	-
NATURAL SCIENCE COURSE PATTERN												
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	593	68	16.3	0.8	229	74	16.5	1.7	364	64	16.2	0.5
Bio, Chem, Phys	65	7	16.3	0.8	12	4	16.3	1.5	53	9	16.3	0.6
Gen Sci <sup>2</sup> , Bio, Chem	134	15	15.9	0.4	38	12	16.3	1.5	95	17	15.8	0.1
Other comb of 3 years of Natural Science	22	3	14.6	-0.9	9	3	14.9	0.1	13	2	14.4	-1.3
Less than 3 years of Natural Science	39	4	15.5	-	8	3	14.8	-	31	5	15.7	-
Zero years / no Natural Science courses reported	24	3	16.5	-	13	4	18.7	-	11	2	14.0	-

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took less than four years of English or less than three years of Mathematics, Social Science or Natural Science.  
<sup>2</sup>Includes General, Physical and Earth Sciences.



Graduating Class 2012

Code 099999

Public High School Students

District of Columbia

Total Students in Report: 877

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern		State			National			
ENGLISH COURSE PATTERN	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	212	24	14.7	27	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	623	71	14.7	29	1,178,400	71	20.5	67
Less than 4 years of English	21	2	12.4	10	64,748	4	16.5	41
Zero years / no English courses reported	21	2	13.0	14	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN								
Alg 1, Alg 2, Geom, Trig, & Calc	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	109	12	16.3	8	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	104	12	17.4	17	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	78	9	15.9	5	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	144	16	16.6	9	279,658	17	19.9	36
Other comb of 4 or more years of Math	315	36	17.8	21	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	48	5	15.5	0	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	46	5	16.2	9	82,509	5	19.9	35
Less than 3 years of Math	10	1	14.2	0	69,741	4	16.6	8
Zero years / no Math courses reported	23	3	16.4	9	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN								
US Hist, World Hist, Am Gov, & Other Hist	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	136	16	16.4	18	47,179	3	22.3	59
Other comb of 4 or more years Social Science	345	39	16.8	21	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	125	14	16.0	20	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	153	17	16.9	24	452,172	27	21.2	51
Less than 3 years of Social Science	95	11	15.2	14	149,266	9	19.7	40
Zero years / no Social Science courses reported	23	3	15.0	13	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN								
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	593	68	16.3	8	740,499	44	21.9	39
Bio, Chem, Phys	65	7	16.3	11	171,734	10	23.0	47
Gen Sci <sup>1</sup> , Bio, Chem	134	15	15.9	3	466,992	28	20.0	22
Other comb of 3 years of Natural Science	22	3	14.6	0	45,992	3	19.5	20
Less than 3 years of Natural Science	39	4	15.5	8	194,661	12	18.4	13
Zero years / no Natural Science courses reported	24	3	16.5	13	46,139	3	17.9	14

<sup>1</sup>Includes General, Physical and Earth Sciences.



# Section IV

## Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

Graduating Class 2012

Public High School Students

Total Students in Report: 877

Code 099999  
District of Columbia

**Table 4.3. Students' Score Report Preferences at Time of Testing**

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges									
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36			
HOWARD UNIVERSITY	District of Columbia	25	10	15	20	36	28	12	4	0	0			
VIRGINIA STATE UNIVERSITY	Virginia	22	7	15	9	64	27	0	0	0	0			
NORTH CAROLINA AGRIC & TECH STATE UNIV	North Carolina	21	9	12	10	62	24	0	5	0	0			
VIRGINIA COMMONWEALTH UNIVERSITY	Virginia	21	9	12	19	33	33	10	5	0	0			
MORGAN STATE UNIVERSITY	Maryland	20	5	15	10	50	35	5	0	0	0			
BOWIE STATE UNIVERSITY	Maryland	17	8	9	12	41	35	6	6	0	0			
DELAWARE STATE UNIVERSITY	Delaware	17	7	10	18	53	29	0	0	0	0			
NORTH CAROLINA CENTRAL UNIVERSITY	North Carolina	17	7	10	6	53	41	0	0	0	0			
GEORGE MASON UNIVERSITY	Virginia	16	2	14	25	25	38	6	6	0	0			
UNIVERSITY OF THE DISTRICT OF COLUMBIA	District of Columbia	16	6	10	19	56	25	0	0	0	0			
PENN STATE-UNIVERSITY PARK CAMPUS	Pennsylvania	14	2	12	0	21	36	29	14	0	0			
UNIVERSITY OF MARYLAND COLLEGE PARK	Maryland	14	2	12	21	21	36	14	7	0	0			
NEW YORK UNIVERSITY	New York	13	5	8	0	15	23	38	23	0	0			
TEMPLE UNIVERSITY	Pennsylvania	13	1	12	0	23	54	15	8	0	0			
SPELMAN COLLEGE	Georgia	12	6	6	17	42	17	17	8	0	0			
UNIVERSITY OF MARYLAND EASTERN SHORE	Maryland	12	2	10	42	42	17	0	0	0	0			
CLARK ATLANTA UNIVERSITY	Georgia	11	7	4	18	64	0	18	0	0	0			
GEORGETOWN UNIVERSITY	District of Columbia	11	3	8	0	36	27	9	18	9	0			
AMERICAN UNIVERSITY	District of Columbia	9	7	2	11	44	33	11	0	0	0			
FLORIDA A&M UNIVERSITY	Florida	9	2	7	11	22	33	11	22	0	0			
MOREHOUSE COLLEGE	Georgia	9	3	6	0	56	33	11	0	0	0			
NORFOLK STATE UNIVERSITY	Virginia	9	3	6	22	67	11	0	0	0	0			
FROSTBURG STATE UNIVERSITY	Maryland	8	1	7	13	50	25	13	0	0	0			
HAMPTON UNIVERSITY	Virginia	8	4	4	13	38	25	13	13	0	0			
LINCOLN UNIVERSITY OF PA	Pennsylvania	8	1	7	0	88	13	0	0	0	0			
NCAA ELIGIBILITY CENTER	Indiana	8	6	2	38	38	13	13	0	0	0			
UNIVERSITY OF MIAMI	Florida	8	0	8	0	50	25	25	0	0	0			
UNIVERSITY OF PENNSYLVANIA	Pennsylvania	8	4	4	0	0	25	25	25	25	0			
WEST VIRGINIA UNIVERSITY	West Virginia	8	4	4	13	25	63	0	0	0	0			
HARVARD COLLEGE	Massachusetts	7	4	3	0	14	14	57	14	0	0			
All Other Institutions		434	104	330	7	29	31	17	11	6	0			
Total		825	241	584	10	35	30	14	8	4	0			

# Section V

## Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories.

Therefore, trend data may not be present where direct conversions are not available.



Graduating Class 2012  
Public High School Students  
Total Students in Report: 877

Code 099999  
District of Columbia

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity<sup>1</sup> and Gender for students who took ACT Writing**

	State	N	English		Average ACT Scores		English/Writing Combined	
			State	National	State	National	State	National
<b>All Students</b>	<b>694</b>		<b>15.0</b>	<b>21.5</b>	<b>5.9</b>	<b>7.1</b>	<b>14.9</b>	<b>20.7</b>
Black/African American	537	113,247	14.1	16.6	5.7	6.2	14.1	16.4
American Indian/Alaska Native	5	5,233	11.4	17.8	5.8	6.5	12.0	17.5
White	27	518,974	26.3	23.2	8.0	7.2	25.1	22.1
Hispanic/Latino	54	150,249	14.8	18.5	6.1	6.8	14.9	18.3
Asian	8	53,381	21.0	23.7	7.1	7.6	20.4	22.8
Native Hawaiian/Other Pac. Isl.	0	2,851	.	19.9	.	7.1	.	19.6
Two or more races	33	32,346	17.5	21.9	6.5	7.1	17.3	21.1
Prefer not/No Response	30	54,867	17.2	21.8	6.4	7.1	17.1	21.0
Males	240	413,617	14.6	21.2	5.7	6.8	14.4	20.3
Females	453	515,745	15.3	21.7	6.1	7.2	15.2	21.1
Missing	1	1,786	16.0	16.8	6.0	6.3	16.0	16.6

<sup>1</sup>Refer to the section header on page 29 for a description of race/ethnicity changes.



